Lancaster Farming

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FHA Recreation Loans Locally Are Encouraged

Producing additional dollars on low-income or idle Lancaster, Lebanon and Chester County farm land is being encouraged by a Farmers Home Administration supervised credit program to develop farm-based recreation enterprises.

Richard W Hoover, the agency's county supervisor, with offices at the Post Office Building, Lancaster, Pa., this week listed the many types of recreation enterprises financed by FHA loans in rural areas

Area farmers may apply for loans to finance construction of vacation cabins or other facilities such as ponds and lakes for boating and fishing, vacation farms, riding stables, nature trails, picnic grounds, youth camps, travel-trailer parks, and shooting preserves

"Farmers Home Administration is using its farm operating and farm ownership loan

(Continued on Page 11)

MANY "DETOURISTS" have discovered what Spruce Villa's regular customers have known for a long time — they can buy fresh, wholesome milk in the country in large containers and save money in the bargain! L. F. Photo

County Dairyman Sells Milk By The Jug Through Own Farm Retail Outlet

"A business like this takes a considerable investment, but it pays me a satisfactory return," says Milton Brubaker of Spruce Villa Dairy. The farm is just north of Lititz on the temporary Route 501 detour. While the detour may have hurt some other local tradesmen, it has brought a lot of traffic right to the door of Spruce Villa.

The business to which this dairyman refers is a retail milk jugging operation. He's been at it for about three years now and currently sells his total production from a 35-head Ayrshire herd through the attractive retail farm store in gallon and half-gallon jugs He compared the investment needed for setting up this retail outlet as about equivalent to that needed if he had chosen to double his herd size instead of running the jugging business

Under the regulation of the Pennsylvania Milk Control Commission (PMCC) any dairyman can sell jugged milk at his own price Brubaker said But he must sell only his own milk which is produced on his own farm, processed in his own plant, and sold at the farm

To many dairymen who may be averaging less than $5 per hundredweight for their milk, the 80 cents per gallon that Brubaker gets may sound pretty good But as in any retailing of farm products, there are additional costs and problems that are often overlooked by those not immediately involved. We already mentioned the large investment needed, but how

(Continued on Page 4)

MILK BY THE JUGFUL is dispensed by Milton Brubaker in his attractive farm store where customers bring in their own gallon or half-gallon jugs for refills. The store also handles other associated food products L. F. Photo.

Penn State Will Study Unstable Flavors In Milk

A basic study of milk — from the time of its secretion by the cow's mammary gland until it is processed and stored for consumption— will be undertaken by Pennsylvania State University scientists under a $124,810 grant awarded by the U. S Department of Agriculture

With the aim of gaining a better understanding of milk flavor instability, the university scientists will seek to identify and trace to their origins those milk constituents responsible for flavor changes. This grant research is part of an effort by USDA's Agricultural Research Service to find new and improved

(Continued on Page 11)

Umble Cow Scores Excellent In Recent Classification Trial

Merrynook Tiptop Patricia, a Registered Holstein cow in the herd of Harold M. Umble, Atglen, Pa, has been officially classified 'Excellent" —the highest designation attainable in the type classification program of the Holstein-Friesian Association of America.

This highly select designation is applied only to animals scoring 90 or more of the 100 points representing theoretical perfection in body conformation, and of over 74,000 Registered Holsteins officially classified for type last year, only 735, or about 1 percent, were rated "Excellent."

The Umble Holstein moved into the "Excellent" bracket for the first time during a recent classification of the herd by Clyde Wilson, Rushville, Pa., an official inspector on the staff of the national Holstein organization. Her score was 90 points.

Area Holsteins Completing New Milk Records

New, officially recognized milk and butterfat levels by registered Holstein cows in this area were listed in a recent special report from the Holstein-Friesian Association of America Records were listed for cows owned by the following dairymen

Elam Bollinger, Manheim

1-Earlymead Dunloggin Gretchen, a seven year-old, produced 20,260 lbs milk and 775 lbs fat in 332 days

2-El Lyndo Dean Janay, a

(Continued on Page 4)

County Poultry Assn. Auction Grosses $2350

The weather cooled down Thursday evening and the bidding urges of the 100 to 150 persons coming and going at the auction sale of equipment at the Lancaster County Poultry Center heated up to the extent the Association was able to gross $2,350 22 on the sale of their equipment and materials

Auctioneer Omar Landis took excellent advantage of the lively buying interest displayed by the crowd. While such miscellaneous items as clip board, song books, paper cups, etc. went for what appeared to be relatively high prices, some of the larger equipment was very reason-

(Continued on Page 10)

Dairymen Can Beat "Summer Slump" By Mgt.

Good dairy management during hot weather can keep August milk production near the May level the U S Department of Agriculture reports

Dairymen have long complained about a "summer slump" generally considered a result of the hot weather But cooperative research, by USDA's Agricultural Research Service and the Georgia and Louisiana Agricultural Experiment Stations indicates that reduced milk yield is not mainly due to heat exhaustion in cattle

Dr Robert E McDowell ARS dairy scientist at Belts-

(Continued on Page 5)

Farm Calendar

June 29 — 6 30 p m. Dairy meeting at Abram Groff's farm, Pinkerton Road, Mount Joy; sponsored by I S F. Corp Will feature a panel discussion Dr E J Czarnetsky will speak to the group on an amplified long-distance telephone hook up and will answer questions from the dairymen attending

— 4-H Regional horse and pony judging contest at Harvey A Fulmer farm. Glen Moore R1; from 10 a.m to 3 p m

July 1 — 7 30 a m Nurserymen's tour of Long Island leaves by bus from King of Prussia Plaza Shopping Center; return about 8 p m.

Weather Forecast

Temperatures for the five-day period, Saturday through Wednesday, are expected to average near normal. Normal for the period would be a high of 86 degrees and a low of 63. It will be warmer Sunday and Monday, then cooler Tuesday and Wednesday.

Precipitation for the period will probably total less than ¼ inch, occurring as scattered showers about mid-week.

MARKET NEWS REPORT

At Lancaster Yards

Weekly Review

June 25, 1965

Cattle 3300 Slaughter steers 25-50 higher, after early sales of Choice and Prime being $1 00 higher Cows 1 00-1.50 lower. Bulls steady to strong. Feeder steers fully steady.

Slaughter steers: Choice 950-1300 lbs 27.00-29 25. Late sales mainly 28 25 down. Few late sales High Choice and Prime 28 25-28 75, On Monday Two loads of High Choice and Prime 1225-1280 lb. Bought at 29.75-30 00, Good to Low Choice 950-1300 lbs. 25 35-27 00, Standard to Low Good 22 50-25 50, Utility 17.00-20 50

Heifers: Good and Choice 750-950 lbs 24 00-26 00

Cows: Utility and High Yielding Cutter closed the week at 15 25-16 85, Several Utility to $18 25 on Monday with few Individual 18 50-19 00, Cutter closed the week at 13 75-15.25, Canner 12 75-13 75, Shelly Canner 11 00-13 00

Bulls: Good and Choice 20.25-23 00, Couple individual Choice $24.00, Utility and Commercial 18 85-21 00, Few 1500-2100 lb. Holsteins 21 00-22 50, Cutter 17.00-19.00.

Feeder Steers: Load Choice and Prime near 1000 lbs carrying Low to Average Choice Slaughter finish $28 00. Good and Choice 600-1000 lbs. 24 00-26 75, Load Mixed Utility and Standard Near 800 lbs 19 65.

Calves 675 Vealers steady Choice 32 00-35 00, Few individual $36 00, Good 29 00-33 00. Standard 25 00-29 00, Utility 22 00-26 00, Cull largely 18 00 23 00

Hogs 875 Barrows and gilts steady to 25c higher than last week's close, Sows 50 1 00 higher US 1-2 190-250 lb Barrows and gilts 26 25-26 75,

Auction Only

June 23, 1965

Cattle 547 Slaughter steers uneven, Choice and Prime 50-75 lower; Standard to Low Choice weak Cows $1.00-1.50 lower. Bulls steady to weak. Supply included 20 percent Cows and 23 percent Bulls.

Slaughter Steers: Choice 1000-1300 lbs 27 00-28.25, High Choice and Prime 28 25-28.75, Good 25 35-27.00, Standard to Low Good 23.50-25.25, Utility 17 00-20 50

Heifers: Good and Choice 750-950 lbs 24 00-26 00.

Cows: Utility and High Yielding Cutter 15 25-16.85, Cutter 13 75-15.25, Canner 12 75-13.75, Shelly Canner 11 00-13 00

Bulls: Good 20 25-22 00, Utility and Commercial 18 85-20 35, Couple 20 75, Cutter 17 00-18 75

US 1, 200-240 lbs 27.00-27 50, US 1-3 180-260 lbs 25.50-26.25, US 2-3 240-280 lbs 25.00-25.50. US 1-3 300-500 lb Sows 18.50-19 50, Few sales US 1-2 19.50-20.00, US 2-3 500-600 lbs 17.50-18 50, Few 650-700 lbs 17.00-17.50

Sheep 230: Slaughter lambs weak to $1 00 lower Ewes steady Choice and Prime Spring Lambs 60-90 lbs 28.00-29 00, Choice 26 00-28 00, Good 23 00-26.00 Shorn Slaughter Ewes Cull to Choice 5 00-10 00

ATTIC DRAMATIC

New room built in attic can get exciting effect with a paneled ceiling Panel boards should be installed in direction of slope to dramatize ceiling's shape Use narrow boards of clear pine or fir lumber for most interesting effect

Vintage Auction

June 22, 1965

Cattle 776 Supply included 19% cows. Receipts largest in over one year. Compared with last Tuesday's market, slaughter steers 25c to 50c higher. Slaughter cows 50c to $1 lower. Slaughter bulls steady to 25c lower. Choice 950-1275 lbs. slaughter steers 27 00-28 50, High Choice and Prime 28.50-29.10, 2 head 29.50-29 60, Good 25.10-27 35, Standard to Low Good 23.50-25.25. Cutter and Utility slaughter cows 14.60-17.00, few 17.50-18.00, Canner and Low Cutters 13 50-14.75. Good and Choice slaughter bulls 20.25-22 60, Choice, individual 23 85, Utility and Commercial 18 85-21 50

Calves 391: Vealers Good and Choice steady to strong, Cull and Standard $1 to $3 higher Choice 31 00-34 50, Good 29 00-31 00, Standard 27 00-30 00, Utility 24.50-27.00, Culls mainly 21.00-24.50.

Hogs 170. Barrows and gilts mostly 50c lower. US No. 1-2 190-245 lbs. barrows and gilts 25.75-26 25, No. 1 26.50-26 75, No. 2-3 250-265 lbs. 25.00-25 75

Sheep 43. Not enough of any one class to establish a trend Few Choice 50-90 lbs. spring slaughter lambs 25.00-29 00

(Continued on Page 3)

New Holland Auction

June 24, 1965

CATTLE 914: Slaughter steers 50-1.00 higher. Cows 50c lower; instances $1 00 lower. Bulls fully steady Supply included 19 percent Cows.

Slaughter steers. Choice 1000-1250 lbs 27.50-29.35, High Choice and Prime 29.10-29 85, Couple 30 10-30 35, Good 950-1200 lbs. 25 60-27 50, Standard to Low Good 22.75-25.50, Utility 19.00-22 50.

Heifers: Good and Choice 700-900 lbs. 24.00-25 85.

Cows: Utility and High Yielding Cutter 15 25-17.00, Several 17.35-18.10, Cutter 14 25-15 25, Canner 13.25-14.25.

Bulls: Choice 22.50-24 10, Good 20 75-22 50, Utility and Commercial 18.85-21.85, Couple 22.10-23.25.

Calves 423: Vealers mostly steady. Choice 31.00-34.00, Individual 35.50, Good 28.00-31.50, Standard 26 50-29.00, Utility 23.50-27 50, Cull 19 00-23 50, Weights under 80 lbs 16 00-19.50.

Sheep 42 Not enough of any one class to establish a market.

Few Choice 70-90 lb. Spring Slaughter Lambs $25 00-27 50, Utility and Good Shorn Slaughter Ewes $4.50-7.50.

DAIRY COWS

June 23, 1965

At Wednesday's sale, 87 cows and 4 bulls sold slow with fresh Holsteins bringing 275-475; Guernseys, 150-220; other breeds, 150-250. Bulls sold for 140-170. Only two heifers offered and no price was quoted.

HORSES

June 21, 1965

The 334 head offered sold active and fully steady with riding horses bringing 125-400; driving horses, 125-300; killers, 6-6½ cents per pound. Pony mares went for 30-100; geldings, 20-110. No mules were offered.

HOGS

June 21, 1965

The hog market continued to boom here this week. 398 head averaged 50-75 cents higher than last week. Market hogs retailed for 26.50-27.50; wholesale (US 1-3) 25.75-26 50; heavy weights 24.50-25.25. Sows brought 17.50-20 50. No shoats were available.

CALVES

June 21, 1965

The calf market bounced back this week fully recovering the $1 lost last week, with 82 head sold. Choice and Prime brought 33.50-36.50, Good and Low Choice, 31.50-33.50, Standard, 28.50-30.50; Commercial 20-27

Chicago Cattle

Weekly Review

CATTLE — Compared

(Continued on Page 3)

New Holland Sales Stables, Inc.

Sale Schedule

Monday: Horse Sale	.... 10:00 A.M.
Tack Sale to Follow Horse Sale	
Monday: Hog Sale	11:30 A.M.
Monday: Beef Cattle	2:00 P.M.
Sale Order — Bulls, Steers, Cows, Calves	
Wednesday: Sale of Dairy Cattle	12:30 P.M.
Thursday: Sale of Beef Cattle	12:30 P.M.
Sale Order — Bulls, Steers, Cows, Calves	

JOHN H. GINGRICH, Mgr.

Ph. New Holland 354-2194 New Holland, Pa.

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Kenneth E. Hershey, Sales Manager

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July 5 in Observance

Of Independence Day

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Weekly Poultry Report

Eastern Pennsylvania And New Jersey

No market reports available for this week's market because of the trucker's strike in Philadelphia.

Fogelsville

No market reports available for this week's market because of the truckers' strike in Philadelphia.

Eastern Shore Exchange

No market reports available for this week's market because of the truckers' strike in Philadelphia.

Delmarva

Delmarva market broiler and fryer live prices declined more than ¼ cent on Friday with only fair demand for heavy auction offerings.

Ready-to-cook demand ranged from fair to good with most plants running near capacity. Deliveries to Philadelphia area were curtailed by the continuing truck strike Delivered prices were also off ¼ cent

Estimated slaughter for this weekend was 919,000 head, compared to 882,000 head last weekend.

In the 24-hours preceding market close on Friday, broiler and fryer live prices ranged from 14 0-16 5 cents per pound on sales of 1,156,700 head.

● Vintage

(Continued from Page 2)

HOG SALE
June 19, 1965

Hogs sold generally steady at Saturday's sale with good 200-220 pounders topping the market at 27 10. The receipts totaled 248, over twice as many as the preceding week Lightweights brought 22 75-23 50, 180-200 lbs, 23-26 25; 200-220, 25 25-27 10; 220-240, 24 50-25 85; 240 and up, 19 25-25 75 Sows sold for 16 35-20 50

● Chicago

(Continued from Page 2)

Friday last week — Slaughter steers and heifers 50-1 25 lower, with High Choice and Prime steers and all heifers under 850 lbs at the maximum decline Cows generally 1 00 lower and bulls mostly 50 lower. In the carlot dressed meat trade, steer and heifer beef steady to 1 50 lower, most decline on Choice steer carcasses. Cow beef 1.00-2 00 lower.

Receipts 28,200 compared with 22,100 last week and 26,-200 a year ago. Twelve market totals 186,500 compared with 164,200 a week ago and 205,-700 a year ago.

Slaughter steers: Late, nine loads of Prime 1200-1350 lbs 29 00 On Monday, twelve loads Prime 30 00-30 25, High Choice and Prime 1150-1375 lbs 28 00-30 00, closing 28 00-28 75 On Monday, a load of High Choice and Prime 28.75, Choice 1000 1350 lbs 26 25 28-75, late 26 25 28 00 Loadlots Mixed Good and Choice closed 25 50 26 25, Good 23 50-25 50, Standard and Low Good 21 00-24 00.

Slaughter heifers Late sales High Choice and Prime 900-1050 lbs. 26 50-27 15 with early sales 27.50-28 00, four loads at 28 00 on Monday and Tuesday Choice 850-1050 lbs 25 00-27 25, late mostly 26.50 down, Choice 750-850 lbs 24 50-26 00 Mixed Good and Choice 750-1000 lbs. 24 00-25 00, Good 21 50-24 50, Standard and Low Good 20.00-22 00.

Cows: Utility and Commercial 14 50-16 75, closing largely 15 50 down, Canner and Cutter 12 00-15.50, mostly 12 00-14 75 late

Bulls Utility and Commercial 17 00-20.00, mostly 19 50 down at the close.

Weekly New York Egg Mkt.

From Monday, June 21 to Friday, June 25

	Mon.	Tues.	Wed.	Thurs.	Fri.
WHITE					
Ex Fcy Hywts	34	34	34	34	33½
Fcy Hywts	33	33	33	31½ 32	31
Fcy Med	23½-24½	24½	25	24 25	25 26
No 1 Med.	22	24-24½	23½-24½	24 24½	24-24½
Pullets	18 19	19	19	19	19
Peewees	15	15	15	14	13
BROWN					
Ex Fcy. Hywts.	36	36	36	36	36
Fcy Hywts.	34½	34½	34½	34½	34½
Fcy. Med.	25½	25½	25½	25½	25½
Pullets	20½ 22	20½-22	20½-22	20½-22	20½-22
Peewees	15	15	15	14	13
MIXED					
Fcy Hywts.	33	33	33	31½-32	31
Standards	29-29½	29½	29½	28½	28½
Checks	20	20	20	20	20

TREND Market highly irregular with top large not clearing, and selling pressures more pronounced with medium whites gaining firmness

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U.K. Feed Merchants Tour D.E. Horn Plant

A party of 35 top executives from Britain's Grain, Feed and Seed Dealers and leading manufacturers of formula feeds, visited the D E Horn and Co feed manufacturing facilities recently

After the tour the group met in the company's meeting room for a fact filled question and answer period The group are members of the Institute of Corn and Agricultural Merchants, the leading United Kingdom educational body in the seeds and feeds field

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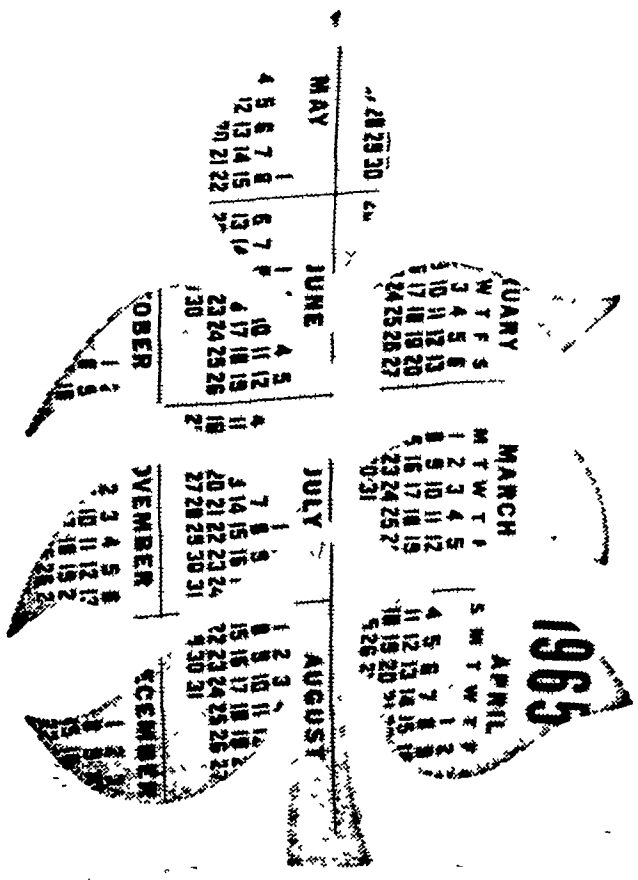

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From Where We Stand . . .

County Farm Youth and Agribusiness

It's a cinch that with the number of farms nationally on the decrease every farm boy who wants to farm may not be able to do so. Many will, but what about the others? Although they can't all stay on the farm most of them can stay close to agriculture if they wish. How? In a field broadly known as agribusiness.

For quite a few years the cry of allied industry has been that they can't get enough young people with agricultural backgrounds to fill the jobs. Farmers today buy a tremendous amount and variety of "things" to use in their farming operations. Opportunities are there for the farm-raised youth if he or she, will examine the facts.

Several state universities are examining these facts right now Penn State is supervising a study through the voluntary cooperation of the county vocational agriculture teachers About 17 counties have reportedly completed their surveys of agricultural industry in their areas Some one-half dozen more are in the process Lancaster County teachers will be visiting industries in the county this summer which produce, service, or sell agricultural products.

The objectives of this program are to:

1—determine the number of employees currently working in these occupations;

2—estimate the number needed in the future;

3—estimate the quality and quantity of entry opportunities into the various fields;

4—determine the training needed for competency.

The University of Delaware is well along on the same sort of study. Their preliminary findings showed that the vo-ag departments would have to graduate approximately 550 students each year to keep up with that state's demands for agriculturally trained employees. They are presently graduating about 125. Now, many of these jobs require skills that go beyond high school levels, but the demand seems to be there on all levels.

On the same subject, Russell E. Larson, Dean of the College of Agriculture at Penn State, told delegates to the 4-H Congress that one of the brightest fields is in agriculture-related research. He said that agriculture needs plant and animal scientists, farm management specialists, agricultural engineers and economists, editors and writers, food technologists and countless other professionally trained people in business, science, and arts related to agriculture.

So even though all the farm-raised kids may not be able to find their niche on the farm, there are exciting opportunities awaiting them in the agriculture-related areas.

★ ★ ★ ★

Slow Moving Vehicles Should Be Marked

A conspicuous emblem attached to slower moving farm machinery will warn motorists of the danger of collision. Fluorescent yellow-orange in the center and reflective dark red on the outside, the triangular Slow Moving Vehicle emblem can be seen and identified by higher speed motorists at 500 feet or more under practically all driving conditions.

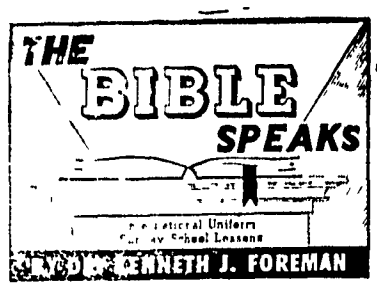
Vehicles traveling at 20 miles an hour are about 100 times as likely to be involved in collisions as vehicles traveling at the speed limit, according to the U S Department of Agriculture safety specialists. Two out of three of these accidents are rear-end collisions. Often the oncoming motorists simply do not realize until too late how slowly the vehicle ahead is moving.

To help reduce the incidence of this type of traffic accident, the National Safety Council, the American Society of Agricultural Engineers and the Automotive Safety Foundation are sponsoring the use of the SMV emblem. This distinctive sign was developed by Ohio State University research and extension specialists.

The emblem should be centered on the back of the machine, approximately three to five feet above the ground. This location is within the normal range of headlight beams and is readily noticed during the daytime. The sign is inexpensive, easily mounted and does not interfere with the operation of the machine.

An additional safety device, the sign is not intended as a replacement for the usual flags, reflectors and red warning equipment. It should be used on farm machinery such as tractors and wagons, and on highway maintenance and construction equipment.

National Farm Safety Week, July 25-31, will mark the beginning of a nationwide educational program to encourage the use of the emblem and to acquaint the motorists with its meaning.



Seeds of Disunity

Lesson for June 27, 1965

Background Scripture: I Kings
Devotional Reading. I Kings 10 1-11.

"THE MORTALITY among nations is 100%," said a disturbed professor of history. That is to say, just as there is a lifetime for every nation on the planet, so there is a death time known only to God. Before a nation dies, it shows symptoms of decay. One obvious and painful symptom of internal troubles is disunity.

Dr. Foreman

The Bible is very helpful to those who study it to search for light on this problem. The little country of Judah or to give it a better name, Judah-Israel, indeed was more than country, it was an empire. Many people looking at the royal splendor of Solomon's reign must have had an impression of splendor, wealth and prosperity. David had conquered, and Solomon had been able to hold a pretty large empire. But hardly had Solomon been dead for 24 hours when a young military man took over all the empire he could. And ten of the twelve tribes of Israel went with the rebel who took over. The once united tribes were never united again. Disunity killed the nation; it was the disease, the poison vine which had been sown years ago.

Seeds of Disunity

But what causes disunity? Americans should know, no revolt and no revolution comes overnight. But there may be a long distance from planting the bad seed to the time when it ripens and must be eaten. The interesting and in fact horrifying thing is that Solomon's reign had put the people in a mood for total defiance, an outbreaking rebellion. There must have been something bad about Solomon's reign, something sinister. Yes there was: nothing mysterious; the Bible makes it plain: Solomon began his administration with everything coming his way; but wound up his career with a demoralizingly bad example of an act of treason toward God. The fact is, the splendor of Solomon was mostly confined to the palaces and the Temple. (Incidentally, the great palace he built was larger than the more famous temple.) It was a reign in which the rich grew richer and the poor grew poorer. At the ceremonies where Solomon's son, Rehoboam, became king. Rehoboam made a speech in which he said, "My father chastized you with whips . . ." It can be translated into American English. You took a beating in Solomon's time.

Cause for Complaint

What was the beating to which Solomon's reign was compared? Two things mainly One was high taxes, the other was the labor gangs made up mostly of farmers, taken away from their farms and families and forced to work without pay on public buildings or in the royal forests and mines and quarries for months at a time.

Sow the Wind —

Solomon died before the fruit grew on his disunity tree. But he had succeeded in preparing the splitting of his country. That was bad enough, but the worst was his harem. It was not so much the size of it — a great man would be expected to have many big harems as a status symbol. The real trouble was in Solomon himself. Not even a wise man can live happily and wisely in all that crowd. — But what of ourselves? Disunity is a disease that can break out anywhere, any time, and in any part of the world. It needs no arguing to see—even if we believe half we read in the morning paper—that this is a dangerous condition everywhere. What can a single Christian do? Remember, every human contact is an opportunity to put unity into practice. As for unity with God, remember the story of Solomon and how his wives "stole his heart." If his heart had really been committed to God, should it have been so easily stolen?

(Based on outlines copyrighted by the Division of Christian Education, National Council of the Churches of Christ in the U. S. A. Released by Community Press Service.)

● Jugging

(Continued from Page 1)

about the time involved? The Spruce Villa store is open for business from 9 a m until 9 p m for six days a week, and from 5 to 8 p m on Sundays From start to finish the process of converting the raw milk to a pasteurized, homogenized product in a gallon jug takes about eight hours a day The plant is located immediately in back of the store, separated by a door and a large window So the two jobs — processing milk and waiting on customers — can be combined very neatly.

Here's the way the eight-hour routine goes The milk comes in from the barn in cans and totals about 115 gallons per day The first step is to sanitize the equipment This process passes water at 180 degrees from the pasteurizer through all the other equipment and ends up at the bulk holding tank at a minimum figure stipulated by law of 160 degrees Next the water is pumped from the system and the milk is dumped into the pasteurizer There it is exposed to temperatures of 143 degrees for 30 minutes All of these times and temperatures for each process are electrically recorded on a chart and the charts are subject to examination by the milk inspector for the Pa Dept of Health

Next the milk goes through the homogenizer — all milk sold on the farm is homogenized In this step, time and proper conditions are again important if a satisfactory product is to be produced Milk not properly homogenized Brubaker said, will have sort of a cream scum" on it and will not have much eye or taste appeal

After homogenizing, the milk must be rapidly cooled to about 40 degrees Then it goes into the holding tank, which has its own refrigeration unit, and is further cooled to about 36 degrees From the tank it may be jugged off as needed Usually he draws off 30-40 gallons for immediate needs, and stores the balance in the tank But this is still not the end of the operation When the tank is empty, and before the next day's production can be processed, the entire system and all the equipment must be thoroughly washed.

In addition to milk, Bru-

(Continued on Page 16)

● Area Holsteins

(Continued from Page 1)

six-year-old. had 19,470 lbs of milk and 729 of fat in 337 days.

3-Jane Segis Rag Apple Pabst had 19,690 of milk and 681 of fat in 311 days. she is a 10 year-old

4-El Lyndo Haven Jewel, a four year-old. produced 15,840 of milk and 632 of fat in 298 days

Isaac M. Brubaker, Lititz

1-Bruk Vil Betty Bess, a five-year-old. made 17 500 lbs of milk and 683 of fat in 305 days

(Continued on Page 13)

Lancaster Farming
Lancaster County's Own Farm Weekly
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Now Is The Time . . .

To Check Fields

MAX SMITH

If farmers are planning to use seed from their own grain fields, they should check their fields for objectionable weeds, seedborne diseases or mixtures A number of samples of home grown seed picked up from drill boxes this spring have contained large amounts of quack grass, wild mustard and bindweed seed Seeding these serious weeds back on the land greatly increases the weed problem If seed fields contain any quantity of these weeds, new seed should be purchased for planting Loose smut is showing up in some fields The powdery black or brown spore masses appear where the grain should be Later the spore blow or wash away leaving a bare zigzag tip on the straw Fields showing in excess of one percent loose smut should not be used for seed

To Feed Shrubs

Shrubs may need feeding immediately following their flowering period For small shrubs a half a handful of a complete fertilizer such as 5-10-5 or 5-10-10, can be placed on the surface of the soil surrounding the plants and lightly raked in. Be sure to water generously after the plant food has been applied. Larger plants can be given larger proportions of plant feed Once the plant is firmly and fully established and in good growing condition, it may not need fertilizer.

To Water Lawns

During the dry periods this summer, many lawns may need watering to keep them green We recommend watering only when the grass needs it This is usually when the blades of green show signs of wilting On many areas where watering facilities are available, there is a tendency to over-water, rather than under-water A leading difficulty encountered in turfgrass irrigation is improper application of water. Apply the water slowly enough to insure deep penetration The soil should be wet throughout the root zone, or down to subsoil moisture To do this properly, slow watering is the rule. Don't water so rapidly that you have runoff Water the area again only when the plants show signs of wilting Frequent, light applications of water tend to create shallow root systems, encourage development of disease and subsequent evasion of weeds.

(Continued on Page 5)

FOUR LANCASTER COUNTY Dairy Herd Improvement Association supervisors received certificates of recognition awards for many years of service to the dairy industry at the Association's annual meeting on The Pennsylvania State University campus, recently.

From left to right, Wilbur Houser, Lampeter, 10 years service; Dean Amick, Morgantown, 10 years; Harold Lindecamp, Peach Bottom, 15 years; and Owen Etter, Leola, 10 years. Etter was elected Association President for 1965-66.

● "Summer Slump"

(Continued from Page 1)

ville, Md., has exposed dairy cows to a variety of temperature-humidity combinations in an artificial-climate laboratory. And he has found that cows can adjust amazingly well to the direct effects of heat and humidity.

"The more trials we run," Dr. McDowell says, "the more convinced we are that milk flow tends to decrease largely because of summertime problems that are the indirect — not the direct — result of hot weather."

Field studies in Georgia and Louisiana have confirmed these laboratory findings, and Dr. McDowell recommends that herd managers take several steps to overcome problems brought on by hot weather:

1 — Provide sufficient high-quality feed; avoid mature pasture grasses.

2 — Keep animals from having to travel far to feed, water, and shade.

3 — Allow grazing only during the cooler time of day.

4 — Control biting insects.

5 — Provide enough shade and unpolluted water.

Cattle in hot climates shouldn't have to depend upon grass pastures for all their feed, McDowell says In the South, permanent pastures can support good milk production for only 40 days between June and November. Tough, mature pasture grasses are usually unsuited for summer feed.

A cow ordinarily spends the energy equivalent of 1 to 3 pounds of milk per day by foraging for feed. Milk yield drops even more if the cow has to walk long distances to pasture, drinking trough, or shade

When good grazing is available, it should be restricted to the cooler hours of the day Cattle on pasture especially need help in fighting off biting insects, which are at their worst during the late evening and night

The best solution of hot-weather feeding lies in use of drylots In the Louisiana-Georgia studies, cows fed hay, silage, and green chop in drylots produced 98 percent of their cool-weather milk yield when daily temperatures averaged 91 degrees at the afternoon high and 70 degrees at the nighttime low

Cows fed stored forages harvested at the proper stage of maturity produced 21 percent more milk than cows on pasture Feed required per pound of weight gain for heifers went down 27 percent, breeding efficiency was raised 11 percent, and total cost per unit of feed energy was reduced 25 percent

Clean, convenient water is a hot-weather must, McDowell says Cows drink up to five times as much on hot days as on cool ones — and they'll drink three or four times more often Water should be cool but not more than 20 degrees below air temperature, cattle drink less if the water is colder than that. Troughs should be fairly shallow, so that fresh, cool water added to the trough does not sink through warm, stagnant water — outside the reach of a cow's muzzle.

Shade is especially important in hot climates that are also dry — less so in those where daytime humidity stays above 60 percent Shades 12 to 14 feet high are most suitable for dry climates; for humid climates they should be only 9 to 12 feet high. Trees are particularly good for shade in humid places because they permit plenty of air circulation

MEAT COOKING

Cook fresh unfrozen meat right after you take it from the refrigerator Do not permit it to reach room temperature, advises Louise Hamilton, Penn State extension nutrition specialist Reasons for prompt cooking include room temperature varies from 60 to 100 degrees; some large cuts could require several hours before room temperature is reached; timetables are calculated on cuts that are at refrigerator temperature when cooking begins.

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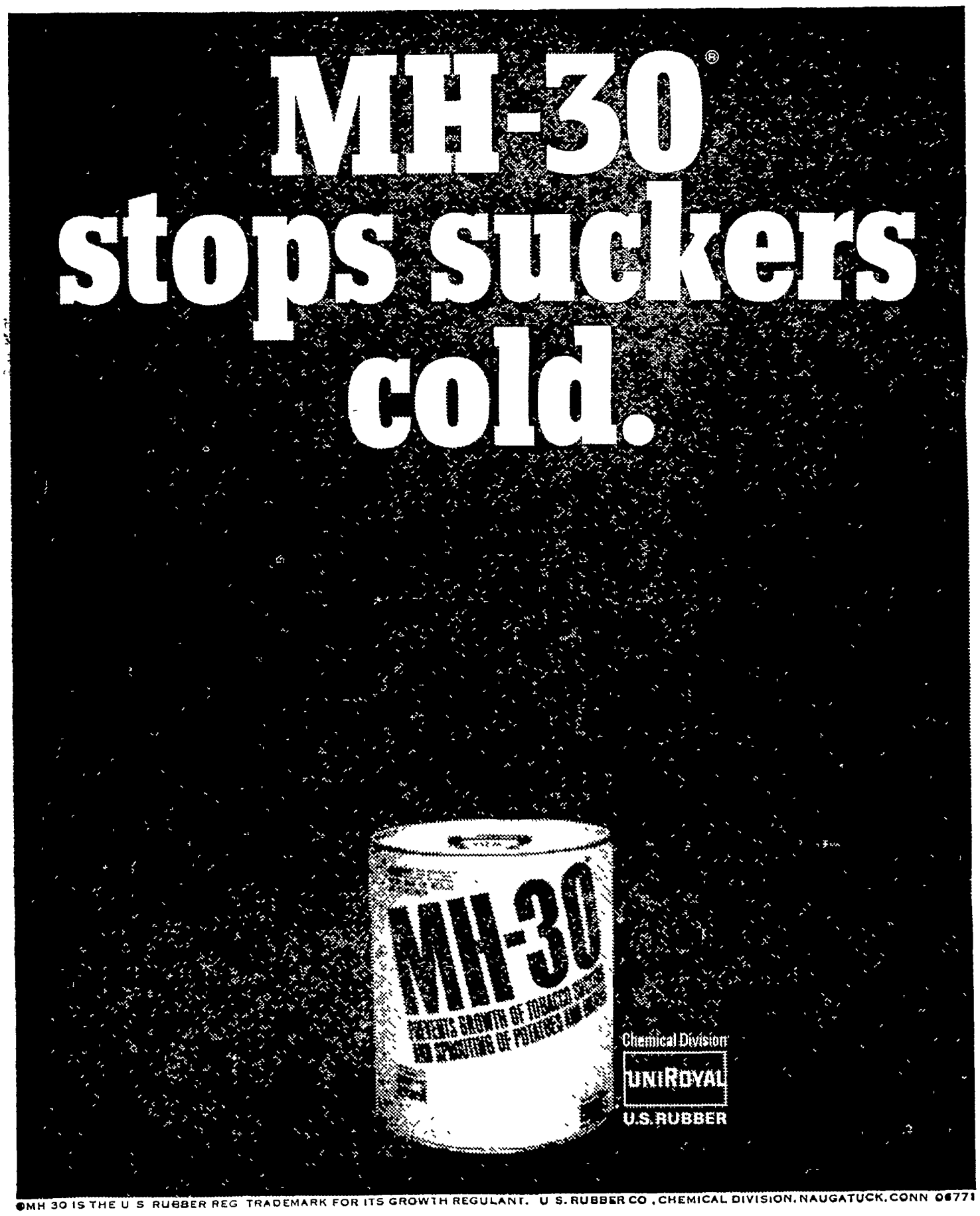

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● Now Is The Time

(Continued from Page 4)

So water your lawn, but do it slowly and thoroughly.

To Study Farm Lease

When making a farm lease, landlords and tenants should reach agreement on a number of provisions about the crop and livestock enterprises, and sharing of income and expenses In order for a farm lease to meet minimum requirements, it should state, who the landlord and tenant is what real estate is rented. How long the lease is to be effective, and how much rent is to be paid If the lease is written it should also contain the signatures of the two parties If the lease is oral the two parties may be presumed, by the law, to be landlord and tenant, whether or not they have discussed a rental arrangement If a farm operator occupies and cultivates the land and pays rent to the owner, the legal presumption is that the two are tenant and landlord. But, if the lease embodies only these minimum requirements, many important matters are left undecided To avoid misunderstandings later, we suggest the landlord and tenant discuss and reach agreement on the rights and duties of each party and to state them clearly in the lease

Consideration should be given to the means of providing for efficient use of their combined resources They should discuss and reach agreement on how to provide for sound land use and a good livestock system, to encourage development and conservation of resources, to establish equitable rental rates and provide for proper sharing of expenses, and to promote secure occupancy

Crop Conditions For Pa. - DRY

A summary of crop conditions up to this week as reported by Pa Crop Reporting Service

Hay—Yields in most areas are below normal, prospects for second and third cuttings of alfalfa sharply reduced in some eastern counties

Pastures—Turning brown in some areas resulting in supplemental feeding of hay and ensilage Many farmers are planting sudan sorghum hybrids for supplemental forage

Barley—Combining is under way in southern areas with good yields indicated

Wheat—Prospects continue to look good

Oats—Winter crop is in head, spring crop prospects reduced by dry weather, with some fields heading on 6 to 10 inch straw

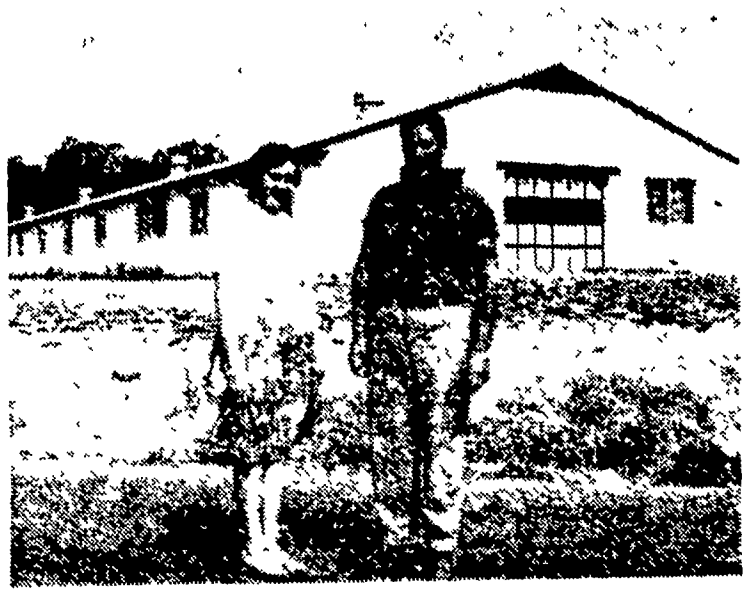
Corn—Stands generally are good but considerable moisture is needed for satisfactory growth

Good crops of cherries, both sweet and sour, are expected Peaches, however, need more rain for proper sizing, especially in the Berks-Lehigh-Schuylkill area

Rainfall deficiencies at the 19 weather reporting stations in the state range from 1 10 to 9 20 inches

Ninety-seven percent of native grasslands in the U S have never had a pesticide applied to them About 75 percent of the total land area of the U S has never had any pesticide applied to it

Performance Is The Key To Low Costs !



Mr. and Mrs. Glenn Esbenshade stand in front of one half of their twin layer house.

At the end of the 1963-64 season, we published the fine leghorn breeder flock records of Mr. and Mrs. H. Glenn Esbenshade of R. D. 2, Manheim.

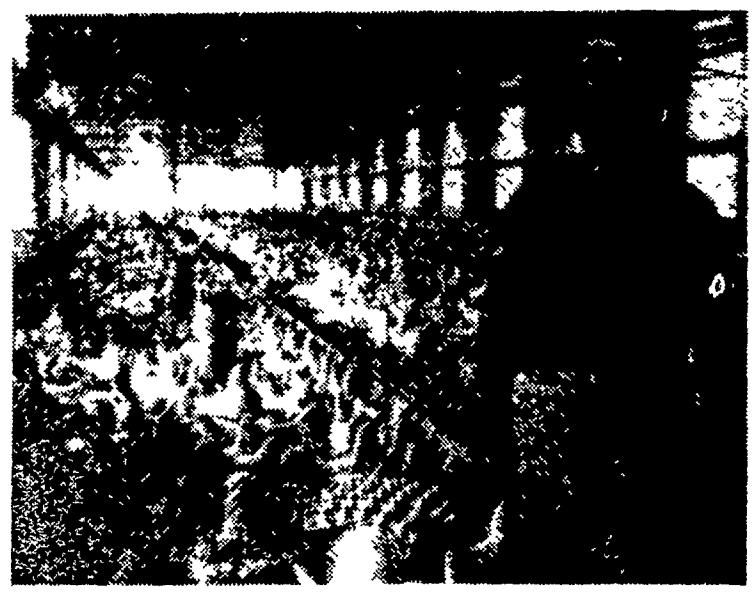
Here are some details on their 1964-65 flock:

- **Number of birds housed April 29, 1964 — 12,319 pullets plus cockerels**
- **Date birds reached 50% production — May 15, 1964**
- **Date flock was sold — April 29, 1965**
- **Days in production from start of 50% — 349 days**
- **Hen house mortality — 5.8%**
- **Total eggs shipped per hen housed starting at 50% production — 343.6**
- **Average hatchability — 92.9%**
- **Pounds of feed per dozen eggs produced (not including cockerel feed) — 3.64**
- **Estimated consumption of cockerel feed per dozen eggs produced — 0.264 lbs.**
- **Feed used (except for about 3½ weeks) — Early Bird #311 Breeder Mash**

Comment from the receiving hatchery to the Esbenshades . . .

"This was one of the finest performing breeder flocks that we have ever had — congratulations from all of us."

A fine performance, Glenn and Rachel.



Glenn Esbenshade is shown with some of the 12,000 layers in his poultry house.

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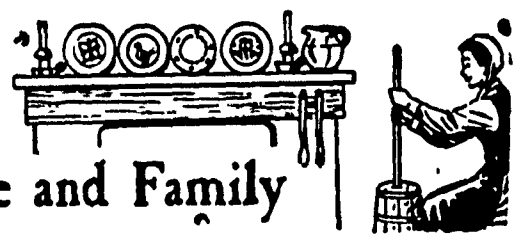

For the Farm Wife and Family

By Mrs. Richard C. Spence, Food Editor

Easy Outdoor Cooking

SPENCE

For easy fixing and good eating, feature a meal-in-a-package the next time you cook outdoors A complete, balanced meal of meat, vegetable and sometimes fruit can be cooked together in an aluminum foil package Individual foil packages are a clean, convenient way in which to prepare food at home, carry it, cook it and eat it — all in a single container which is easily disposed of. The packages also allow for individual taste preferences.

Here is a good idea for those lazy days at the beach when you plan to cook out. The foods can be arranged in their foil packets hours earlier and stored in the refrigerator or cooler until cooking time. Appetites are often heartier when you eat outdoors, so be sure to cook large enough portions. Planning a well-balanced picnic meal is just as important as planning any indoor meal. To help ensure a properly balanced outdoor meal include a vegetable in the meal-in-a-package This will also add to the flavor. Almost any variety of meat or vegetable may be used.

When foil is wrapped around food in an airtight package, it becomes a small scale waterless cooker. A single thickness of the heavy-duty aluminum foil is sufficient; if you use the regular weight household foil, use a double thickness. For each serving, tear a sheet of foil large enough to fold over the food with enough left over around the edges to fold over three times. Be sure to allow some space for expansion. From 20 to 30 inches of foil will be needed for each serving, depending on the particular foods being wrapped.

The packets may be cooked on the coals themselves or on a grill above the coals. The coals should b hot, but never blazing. Blazing coals might burn a hole through the foil. If the packets are cooked on the grill, allow 10 to 15 minutes additional cooking time. Use a shovel, utility tongs or work gloves to turn the packets. Do not poke holes in the foil. When the food is done, do not make a hole in the wrap, but tear off the crimped edges, zipper fashion. The contents can then be eaten directly from the wrap.

A slice of pre-cooked ham makes a delicious combination with a slice of pineapple and slices of sweet potato. You might top the ham slice with two tablespoons orange marmalade and stick a clove or two into the pineapple slice. The ham slice can also be spread with a mixture of two tablespoons brown sugar and one teaspoon prepared mustard. Cook on coals for eight minutes per side.

A foil-baked hamburger dinner has an appetizing blend of flavors. Put a hamburger patty, seasoned to your taste, on the foil; add sliced raw potatoes, thinly cut carrots and sliced onions. Seal and cook approximately eight minutes on each side.

Use tender cubes of beef or veal for an especially tasty meal-in-a-package. If you use a less tender cut of beef for the beef cubes, add a meat tenderizer before cooking. Combine with a small ripe tomato, several rings of green pepper and onion slices. Season with butter, salt, pepper and a pinch of oregano. For a chuck wagon special, combine the meat cubes with pared and quartered potato, onion slices, thinly cut carrot and chopped celery. Use two tablespoons chili sauce and two teaspoons flour in each package as a sauce. Cook for an hour on a grill, turning once or twice.

Chicken is a barbecue standby; make it the easy meal-in-a-package way. Place a chicken piece or two just off center on the foil; add a small pared potato, a small ripe tomato, onion slices, two mushroom caps and two green pepper rings. Sprinkle with two tablespoons packaged precooked rice, one teaspoon Worcestershire sauce, salt, pepper and paprika. Cook until tender, turning the package every half hour.

For additional menus you might try pork chops combined with half an acorn squash or fish fillets combined with bacon, potato, onion and seasonings.

You can even make Submarines on the grill. Here's how: Use a long loaf of Italian or French bread Cut each loaf in 4 to 6 inch length,

(Continued on Page 9)

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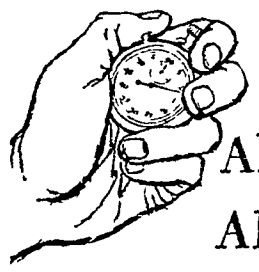

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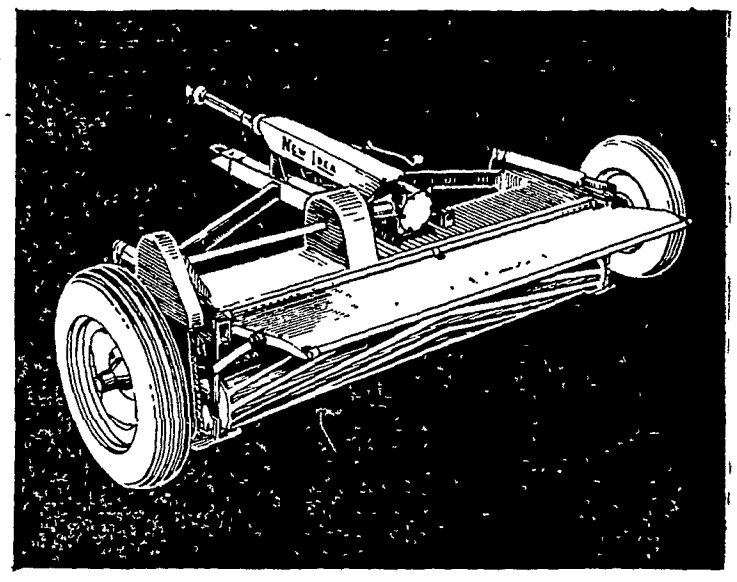

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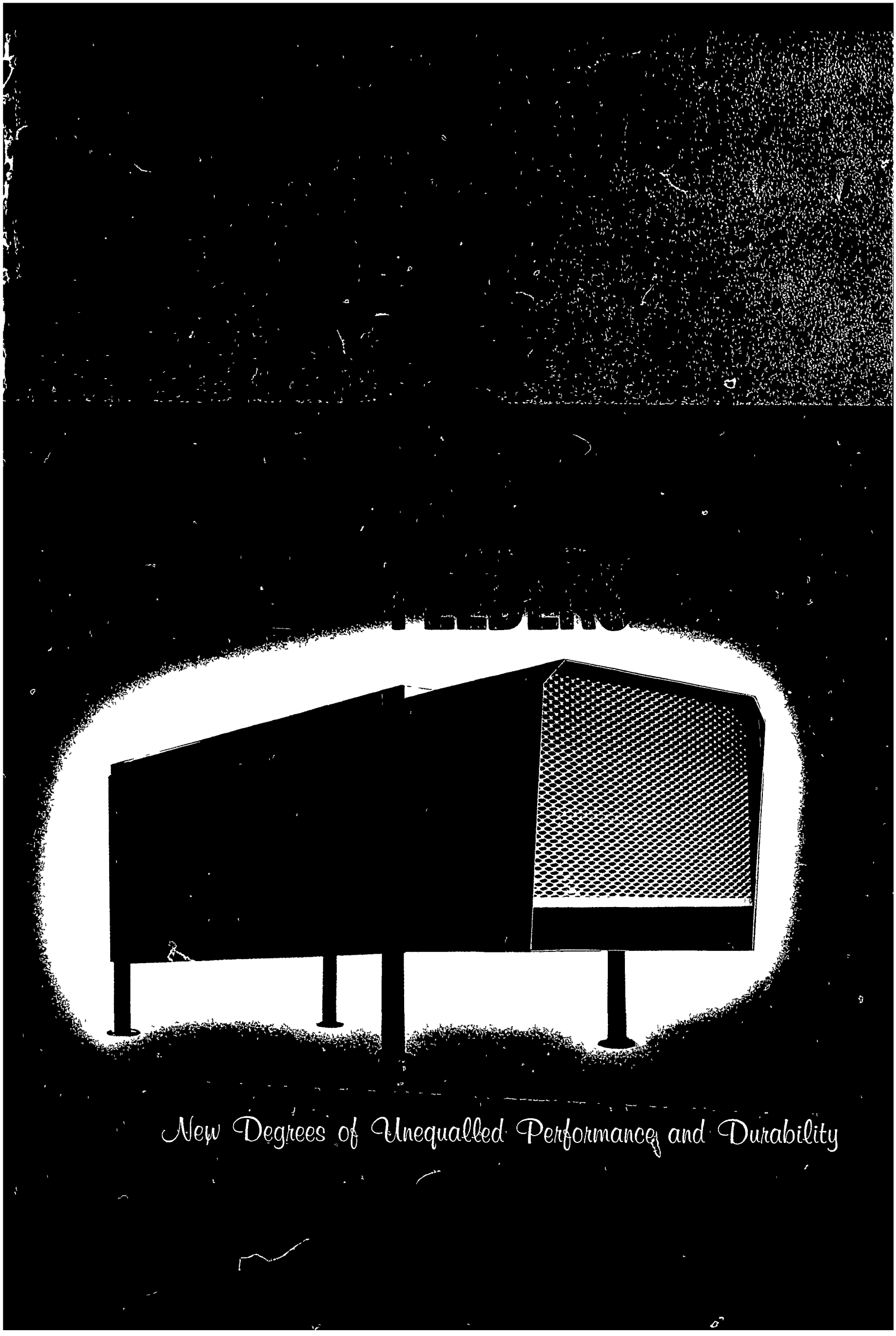
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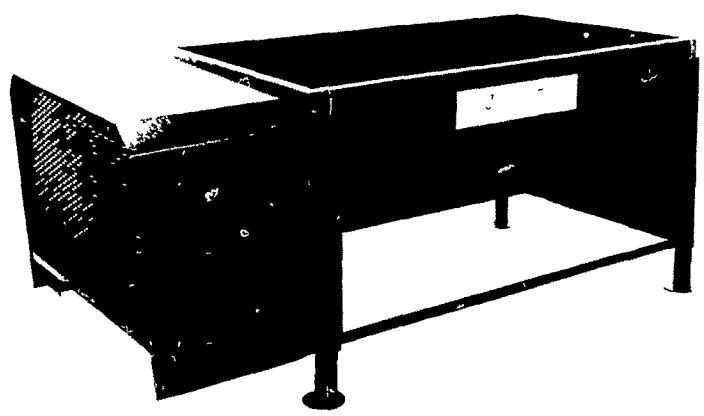

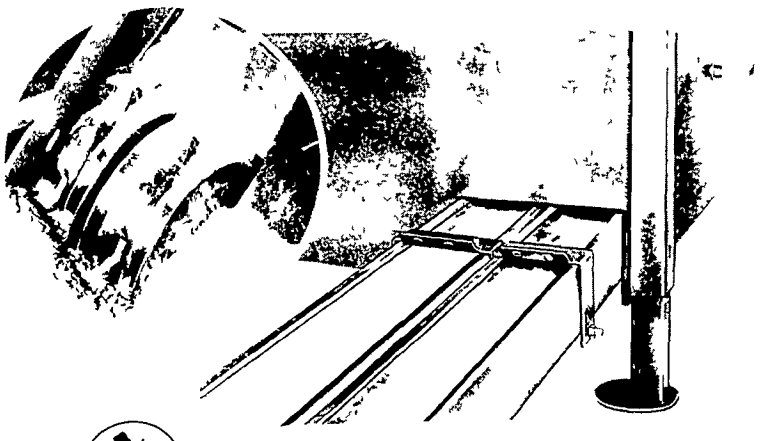

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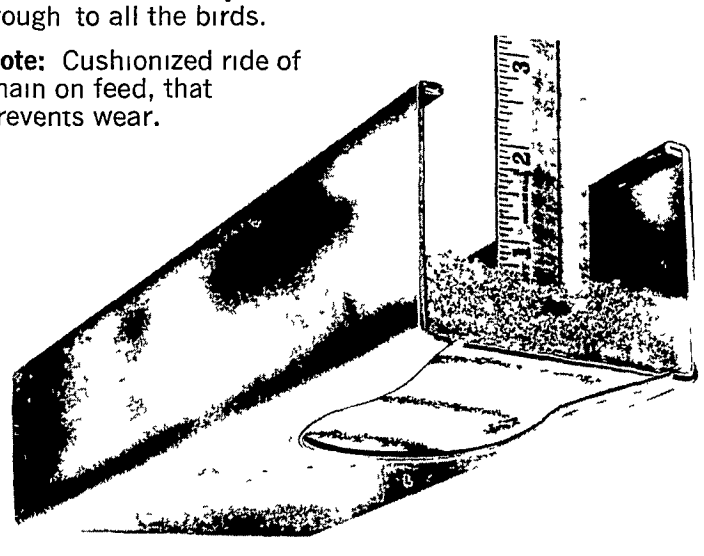

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● For The Farm Wife

(Continued from Page 8)

and split lengthwise. Spread bread with soft butter, mixed with a little barbecue sauce, grated onion or other seasonings. On the lower half arrange slices of American or Swiss cheese. Sprinkle with salt and pepper. Cover with slices of ham, luncheon meat, salami or pastrami. Brush the meat with prepared mustard. Top with slices of tomato. Season and cover with top half of bread. Place on squares of foil and wrap, twisting ends to secure. Place on grill over medium hot fire and heat for about 20 minutes, turning once.

BARBECUED RICE IN FOIL KETTLE

- 1 pkg. (1⅓ cups) precooked rice
- 1 3-oz. can (⅔ cup) broiled sliced mushrooms
- 1 cup cold water
- ¼ cup finely chopped onion
- 1 teaspoon Worcestershire sauce
- ½ teaspoon salt
- 2 tablespoons butter or margarine

Tear off a 3-foot length of 18-inch wide aluminum foil and fold in half to make a square. With your fist, form into a pouch. Add rice, mushrooms (with liquid), water, onion, and seasonings. Stir carefully to mix; dot top with butter. Fold edges of foil to seal pouch tightly. Place on grill over hot coals and heat about 15 to 18 minutes. Before serving, open foil and add an extra pat of butter, fluff rice with fork. Serves 4.

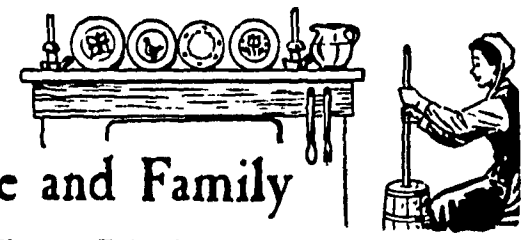
TOMATOES IN FOIL

Cut good, firm tomatoes in half, crosswise. Salt and pepper each half; put together again with a slice of onion in the "sandwich." Toothpick the tomato together and wrap in foil. Cook away from fire, 35 to 40 minutes.

CINNAMON APPLES

Large tart baking apples (one for each guest)
Cinnamon candies
Butter or margarine
Raisins

Core the apples and place each on a square of aluminum foil. Fill cored hole with 1 tablespoon each cinnamon candies and raisins. Dot with butter or margarine. Bring foil up loosely over apple and twist ends together to seal. Cook on grill about 30 minutes. Eat right from aluminum foil package.



For the Farm Wife and Family

By Doris Thomas, Extension Home Economist

Ladies, Have You Heard? . . .

THOMAS

Facts On Cotton

Cotton is a fabric that breathes Cotton is an absorbent fiber and it transmits the moisture it absorbs into the air That's why cotton is so comfortable to wear in hot weather.

Cotton is cool, completely washable, and comes in hundreds of different weaves and textures — from rugged denim to sheer chiffon. The newest cotton for summer wear is an airy cotton fishnet, used for swimsuit coverups

Cotton is a fiber with a twist Under a microscope, the fiber has a twisted and flattened appearance, something like a pinched soda straw. This twisted shape is ideal for spinning purposes because the cotton fibers interlock easily when spun into yarn.

Worth Knowing Anytime

To use a ventilating fan most effectively in the kitchen, run it as you're building up moisture while cooking. This keeps turning the moisture out of the room instead of letting it build up and expecting the fan to clear the room quickly.

It's easier to keep a good kitchen knife sharp than it is to resharpen it Frequent stroking on a steel or fine stone or the wise use of a mechanical or electric sharpener will keep the cutting edge sharp. Cutting string or paper and sharpening pencils are not jobs for a good kitchen knife.

SUMMER SALE OF SIZZLERS

Values! Bargains! Buys! Deals on G-E appliances, TV, air conditioners, stereo so hot they sizzle! Hurry in and see!

"NO FROST 15" HOLDS UP TO 54% MORE FROZEN FOODS

Holds 147 lbs.

Compare

Holds up to 147 lbs. of frozen food in the enormous freezer section . . . more than any comparable No-Frost refrigerator with top-mounted freezer! And, NO DEFROSTING EVER IN REFRIGERATOR OR GIANT FREEZER! Costs less to operate, in the bargain!

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$289

No Cash Needed on GECC Plan1

INSTALL-IT-YOURSELF Quick! G-E THINETTE

$114

Perfect for air conditioning a modest-sized bedroom, or as a dehumidifier, as it removes almost 7 gallons of moisture per day! 5 position automatic thermostat. RP305A

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ISF fermentation control process — saves valuable protein nutrients and feed energy.

ISF SILO GUARD or HAY GUARD is recommended for any type silage — haylage — baled hay — and grain.

(Stack — trench — bunker . . . or upright type silo)

Automatic dispenser applies — SILO GUARD or HAY GUARD for instant and complete protection. (Fully protected under U.S. Patent No. — 3,184,314)

Best by test — forage testing service available

Test No. 1266 — corn silage — covered stack — 11/18/64 (Pro. 9.6% — D.P. 5.5% — Fiber 25.7% — T.D.N. 68% — excellent).

(Mr. J. Neuenschwander, R. D. 2, Lititz, Pa. — P.S.U.)

Order ISF SILO GUARD — HAY GUARD and dispensers from your nearby dealer:

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Gordonville — J. J. Hoober

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- Manufactured from heavy gauge stainless steel.
- Lid seals tightly to keep milk germ free.
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- Moves quiet and easily on rubber-tired, ball bearing wheels.
- Does away with long, expensive pipe lines, milk pumps and releaser.
- Two sizes.
- Low-cost sanitizing.

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Approved for City of Philadelphia

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R. D. 2, Quarryville, Penna.

786-3897

Wheat Crop Off, But Potential Yields Look Up

Pennsylvania's 1965 wheat crop, although small, may be a record breaker in yield per acre.

Based on June 1 conditions, a yield of 32 bushels per acre has been forecast by the Pennsylvania Crop Reporting Service, State Agriculture Department. If realized, this would be one bushel more than the record set last year of 31 bushels per acre.

Total production this year is forecast at 13.6 million bushels from about 425,000 acres. This would be the fourth smallest wheat crop on record in Pennsylvania.

The smallest was in 1962 when a 28-bushel-per-acre yield, coupled with a sharp reduction in acreage, resulted in a crop of only 12.6 million bushels. In 1943, per-acre yield was 17 bushels and production totaled 13.8 million bushels.

Ninety-nine years ago, the 1866 crop amounted to 13.6 million bushels, with an 11-bushel-per-acre yield from a million and a quarter acres.

Pennsylvania harvested its biggest wheat crop in 1901 with production totaling 26.6 million bushels.

● Poultry Auction

(Continued from Page 1)

ably priced. For example, a General Electric vacuum cleaner brought $11.50; a Monroe calculator sold for $155, and an adding machine was knocked down for $70. The barbecue grills were very much in demand and brought $13-13.50 each. Picnic tables went for anywhere from $2 to $6.

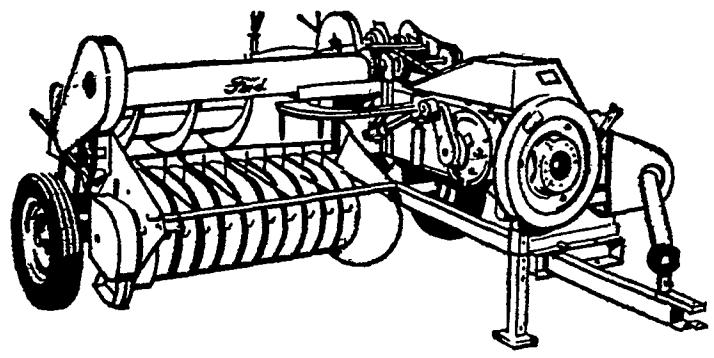
Landis seemed right at home at the Poultry Center. He should have been; he auctioned off many a lot of broilers from that location during the Center's more prosperous times.

Several members commented privately that they were sad to see all the equipment sold. Especially so in the fear that poultrymen in the county would get the mistaken idea that the Association was dead. They stressed that this was not the case. They will continue to meet and be active. The only thing that has changed is that they will no longer do so in the old familiar surroundings.

Consumer spending during 1965 is expected to top last year's $80 billion; gross farm income will top 1964's $42 billion, says the U. S. Department of Agriculture. Higher expenses will make realized net farm income $12.6 billion — same as 1964.

A FINAL FAREWELL was said this week to the old Lancaster County Poultry Center, long-time home of the county Poultry Association. The building, shown at top left, has been sold. About 30 of the members turned out Monday evening to help prepare the Assn's equipment for sale. They are shown hard at work at the top of Page 11. After the work was finished, a chicken barbecue prepared by Charlie Texter was served. Shown about to enjoy that "good eatin'" in lower left photo are Levi Brubaker and Roy Herr; both of these gentlemen were among the original organizers of the Association. L. F. Photos

Special On
HAY BALERS



FORD
250 HAY BALER

- **Efficient Capacity.** Bales up to 10 tons per hour . . . 7 bales per minute in average conditions.
- **Gently Gathers Hay**—Full-floating pick-up lifts windrows cleanly, gently, with less leaf loss.
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Choice of pto or engine drive . . . twine or wire tie . . . See it now.

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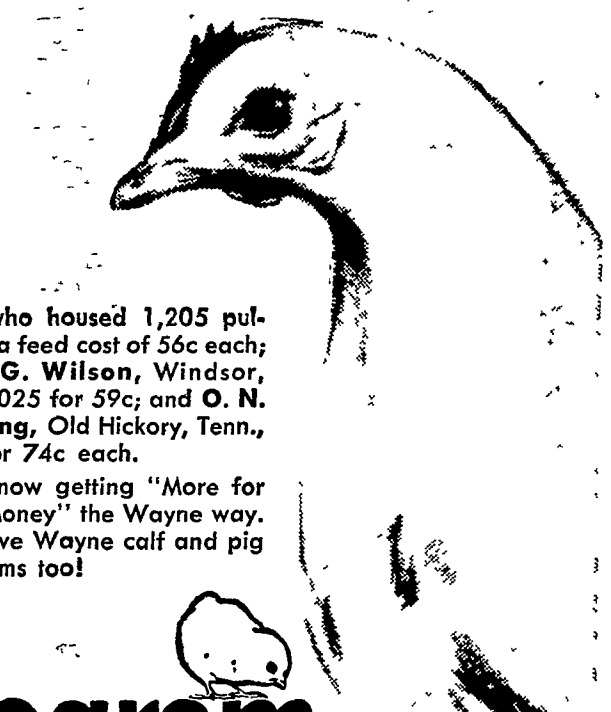
FOR YOUR MONEY!



Here's why: The Wayne Pullet program develops chicks into vigorous pullets with strong frames, ready to lay at the proper time. You get higher production, more large and extra-large eggs, less prolapse and improved livability. Feed costs are low too, like those of Mrs. Robert Miller, Wabash, Ind., who housed 1,205 pullets at a feed cost of 56c each; or G. G. Wilson, Windsor, Ky., 1,025 for 59c; and O. N. McClung, Old Hickory, Tenn., 700 for 74c each.

Begin now getting "More for Your Money" the Wayne way. We have Wayne calf and pig programs too!

WAYNE pullet program
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MILLERSVILLE SUPPLY CO.
Millersville

MOUNTVILLE FEED SERVICE
R. D. 2, Columbia

● Recreation Loans

(Continued from Page 1)

programs for financing recreation loans," Hoover explained. "Farmers can obtain a maximum of $35,000 for operating expenses, including the operation costs of farm based recreation enterprises and $60,000 for a real estate program, including the development of land and buildings for recreation purposes."

Individual Farmers Home Administration loans to farmers for recreation purposes not only help in boosting the borrowers net income, but raise the number of conveniently located recreation facilities for city folks along with putting land not needed for crops into income-producing uses

These loans carry a 5 percent interest rate on the unpaid principal The repayment period on loans secured by real estate may not exceed 40 years, while that secured by chattels has a seven-year limitation Such credit is only extended to those who can't obtain it through normal lending channels.

Farmers home Administration also makes loans to individual farmers and community groups for financing recreation facilities such as golf courses, swimming pools, tennis courts, lakes and ponds.

Complete information on loans to individual farmers and community groups for recreation purposes along with details about other Farmers Home Administration credit programs may be obtained from Hoover at his office, 222 Post Office Building, Lancaster, Pa.

● Milk Flavors

(Continued from Page 1)

uses for milk and other farm products

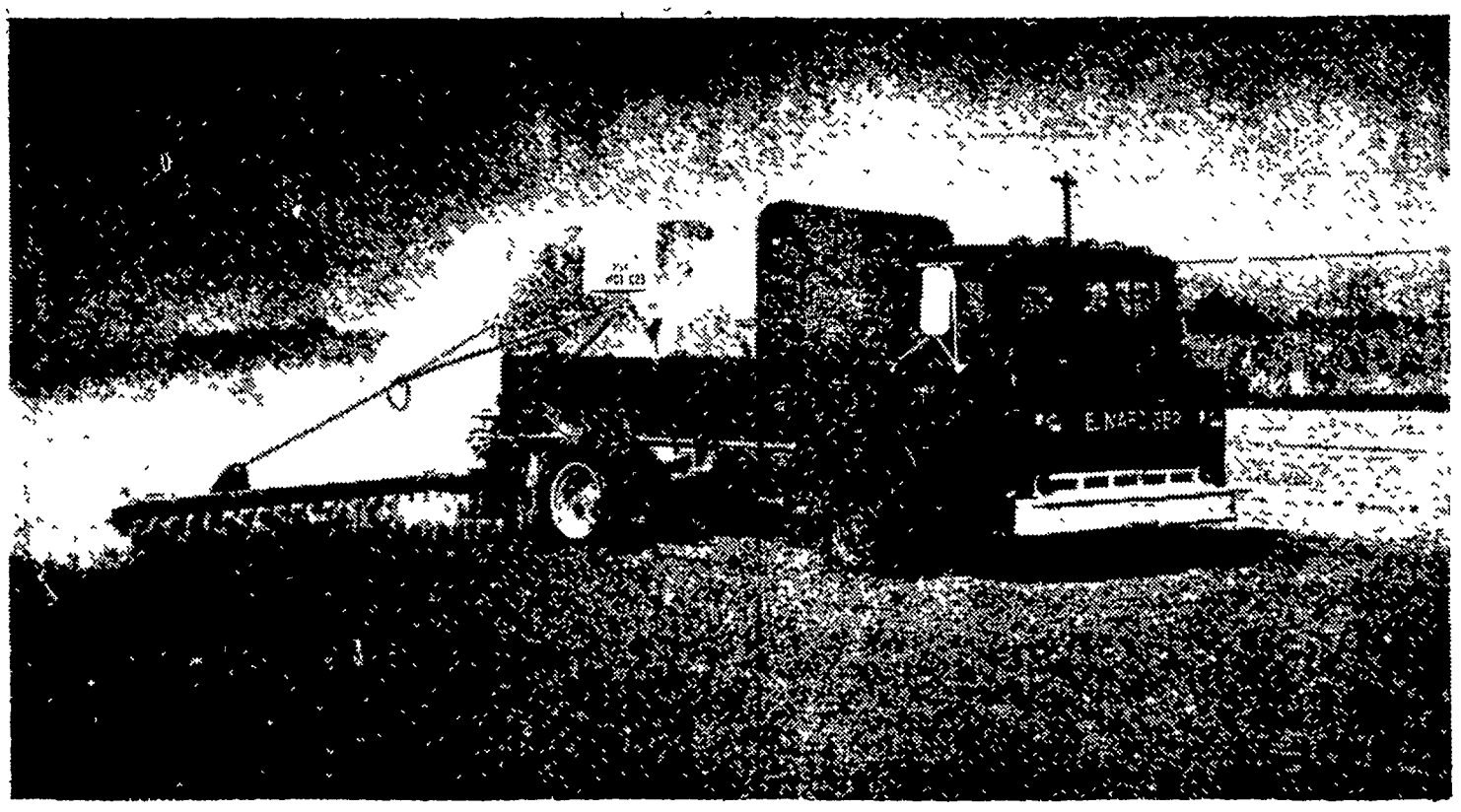
Milk, the blandest of all beverages except water, is highly susceptible to change or loss in flavor The Penn State researchers have shown in previous work that at least part of the reason is that some of the milk's fatty components have not yet reached a stable state at the time of secretion. These unstable components produce substances known as lactones and methyl ketones that cause coconut-like and "stale" flavors to develop in the milk

The scientists will seek methods of determining quantitatively the capacity of milk fats to produce lactones, methyl ketones, and their precursors, and will determine how this capacity is affected by season, feed, breed, and stage of lactation By radioactive tracers, they will try to establish whether all or part of these off-flavor substances and their precursors are formed in the mammary gland of the cow.

The work will be conducted over a four-year period under the direction of Dr. Stuart Patton of Pennsylvania State University's Department of Dairy Science. ARS representative will be Dr. Daniel P. Schwartz of the Dairy Products Laboratory, Washington, D C.

JUNE IS DAIRY MONTH

But Behind The Scenes Much Support Is Required



Field Spread Lime and Fertilizer For ALFALFA and Other Forage Crops

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OATS • FUNK'S G-HYBRIDS

4-H Club News

Annette Long, Top 4-H Cookie Salesman

Annette Long of Lititz R3 was this year's top 4-H Cookie salesman The recently completed campaign yielded a total of $2 200 on sales of 1370 cases of cookies

Following is an alphabetically arranged list of all members who sold 25 or more cases Jane Andrews, Judy Buckwalter Mary Alice Graybill Nancy Herr, Carol Hess, James Kettering Jan Knight, Robert Miller Linda Neideigh, Debbie Owens

Charles Risser Daniel Rohrer, Ken Rutt, Nancy Sauder Barbara Shollenberger Gail Smith Don Snyder Marilyn Stauffer Linda Weidman, Linda Young, Pat Yunginger

PEQUEA VALLEY CLUB

by Carol Eby, reporter

The Pequea Valley 4-H Club met at the Intercourse Fire Hall on Monday June 21 President Cynthia Blackbill presided

Junior and Senior Posture Queens were elected as follows Evelyn Groff Senior Queen with Janice Baum alternate and Doris Kauffman Junior Queen with Jane Hoober alternate

A work session for the cooking and sewing girls followed the meeting The next meeting is June 28

LAMPETER STRASBURG COOKING CLUB

by Carol Groff, reporter

The Lampeter-Strasburg 4 H Cooking Club met at the home of Mrs Robert C Groff on Tuesday June 22nd

Members made Peach Upside-Down Cake and Donna Martin and Cheryl Kreider demonstrated how to make butterscotch and peanut butter candy

The next meeting will be at the home of Mrs Robert Hess on Tuesday June 29 At that time the members will make pork and sauerkraut with dumplings and quick Italian spaghetti with meat sauce

CLASHING THIMBLES NAME QUEEN DELEGATES

by Pat Eshleman, reporter

At the June 23rd meeting of the Penn Manor Clashing Thimbles Club the 4-H queen delegates were named Connie Stehman and Betty Barley were chosen senior and junior queen candidates respectively

Connie Stehman and Linda Porter are presently attending the 4H Club Congress at Penn State

KOOKIE KOOKS ELECT

by Peggy Eshleman, reporter

Connie Stehman was elected president of the Penn Manor 4-H Cooking Club at a recent meeting at the home of Mrs Witmer Dull Creswell Other officers Linda Porter vice president Kathy Dull, secretary Peggy Eshleman news reporter

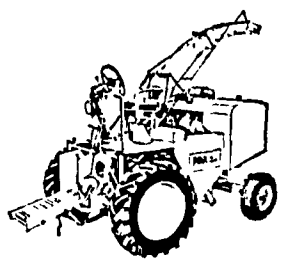
The Kookie Kooks work meetings will be held every Wednesday from 1 3 p m at the Penn Manor High School

At this week's meeting the Kookie Kooks chose Linda Smith and Linda Porter as the Club's 4-H junior and senior queen candidates

The Tasty Snack girls made sandwiches and Tampa Tea

(Continued on Page 14)

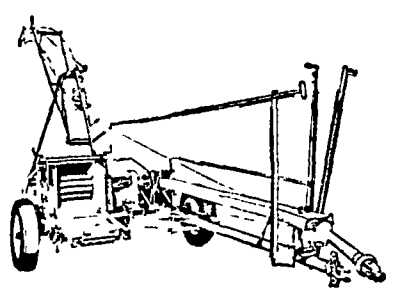
One of these FOX Forage Masters is "just right" for your farm



SELF-PROPELLED SP-F

Big drive wheels up front float it right over wet spots where others get stuck—save the harvest. Great to open fields.

Over 70-ton-per-hour production in heavy corn. You sit up front, out of dust and dirt, handy to controls, clearly view everything.

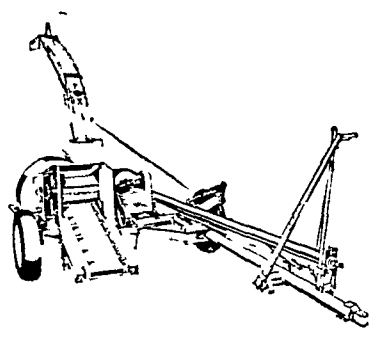


HEVI-DUTY CUSTOM-7

Rugged, dependable pull-type harvester for large beef and dairy farms, custom work.

Designed for 'round-the-clock work in tough crops, rough terrain.

Nine lengths of cut.



LOW-PRICED SUPER-6

A lot of machine for the money. Has many safety devices and all essential features of higher-priced harvesters.

Easily cuts up to 60 tons per hour in heaviest corn—with a minimum of horsepower.

Quick-change corn, mower and pick-up units available to fit all three models.

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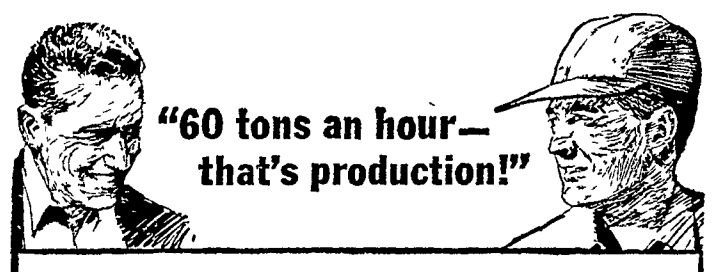

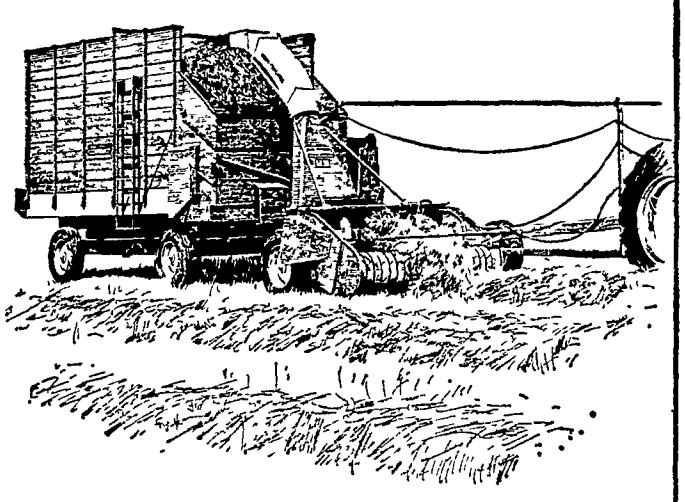

Big capacity, uniform cut, with Allis-Chalmers 780 Forage Harvester!

The 780 with *pick-up head* uses 64 fingers to comb the windrows and feed a steady stream to the six 36" Cut-and-Throw knives. Knives adjust to the shear bar for clean cut . . . 7/32" to 2¼". *Direct-cut* head takes 6½-foot swath. Or switch to *1 or 2-row corn head* in season. Chop fine forage *fast* with a 780!

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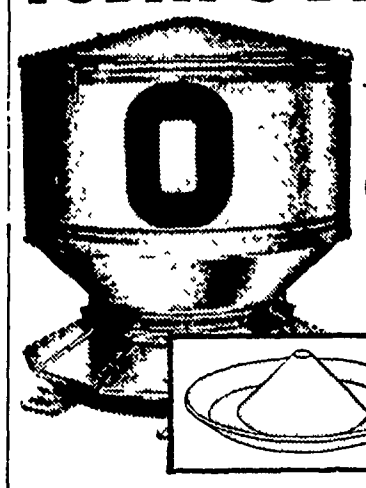

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- BUILT RIGHT—PRICED RIGHT
- Heavy Gauge One-Piece Spun Steel Base with 15 Year Guarantee
- Positive Screw-type Feed Control
- Big Capacity—Saves Labor. 3 Sizes 40 bu —60 bu.—80 bu.

SEE IT TODAY!

Distributors of quality poultry and hog equipment.

We sell, service, guarantee installation.

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GOLDEN BULKY for all dairy cows

Now commercial Dairymen can get six bushels of true quality dairy nutrition in every 100 lbs. of New Purina Golden Bulky. Cows love this bulky, sweet Chow packed with extra Vitamins A and D. Top feed it or Check-R-Mix it in your milking ration to help boost milk production. Purina Golden Bulky . . . 6 bushels per 100 lbs. . . . makes an excellent roughage supplement when your hay or silage runs low. Extremely good for cows on pasture. Try it!

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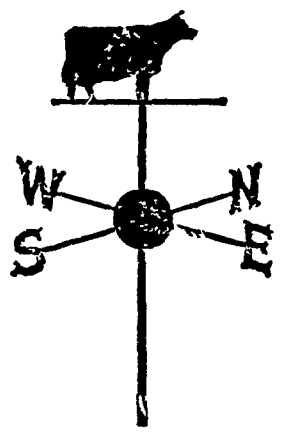
PURINA CHOWS

Dairymen everywhere are getting more milk and more butterfat

with Ful-O-Pep Cattle-izer Dairy Feed

COCHRANVILLE

NEW HOLLAND



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STEVENS

See what Ful-O-Pep Cattle-izer Dairy Feeds can do for YOUR milk production!

Passmore Supply Co.
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J. C. Walker & Son, Inc.
Gap, Penna.

Stevens Feed Mill, Inc.
Stevens, Penna.

Harold H. Good
Terre Hill

● Area Holsteins

(Continued from Page 1)

2 Bruk Vil Celia Queen Chieftain, had 16,530 of milk and 658 of fat in 328 days; she is a four-year-old

3 A three-year old, Bruk Vil Daisy Ava Dean, produced 17,880 of milk and 622 of fat in 346 days

Donald L. Hershey, Manheim

1-Maedene Robuike Sovereign, a six-year old, had 18 543 lbs of milk and 722 of fat in 365 days

2-Fay Harvei Dale Almerson made 18,885 of milk and 694 of fat, also in 365 days Fay is a four-year-old cow

Titus M. Hurst, Lititz

1 Faye Monogram Admiral, an eight-year old, produced 21,478 lbs of milk and 749 of fat in 365 days

2 Rollingstead Burke Deen Elma had 17,522 of milk and 689 of fat in 365 days she is a two year-old

3 Northmount Beth, a five year old made 18 256 of milk and 672 lbs of fat in 359 days

Robert H. Kauffman, Elizabethtown

A seven-year-old, Oliverdale Inspiration Terry, produced 17,509 lbs of milk and 715 lbs of fat in 365 days

John E. Kreider, Lancaster

1-Trout Spring Pontiac Lu Deby, a six-year-old, had 19,900 of milk and 941 of fat in 365 days

2-Trout Spring Segis Flashy made 15,580 of milk and 709 of fat in 305 days, she is a seven-year-old.

3-Trout Spring Peona Lu Carol, another seven-year-old, had 14,968 of milk and 691 of fat in 331 days.

4-A 16-year-old cow, Trout Spring Lucifer Beets, produced 14,170 lbs. of milk and 541 of butterfat in 305 days.

Clarence M. Murry, Drumore

In 323 days, Ajax Regal Dean Cora had 15,450 of milk and 616 of fat; she is a four-year-old.

Melvin G. Peifer, Lancaster

1-Bairdlea Standard Fanny, a four-year-old, produced 19.809 of milk and 746 of fat in 349 days.

2 O L S Fayne Whirlhill made 18,162 of milk and 624 of fat in 307 days; she is a seven-year-old.

3-Lincoln Comet Francis Miss, another seven year old, had 16,534 of milk and 654 of fat in 321 days

4-A three-year-old, Lucinda Penstate Lucifer Vache, produced 15,884 of milk and 636 of fat in 365 days

5 Hillgirt King Posch Palm, a five-year old, had 14,008 of milk and 619 of fat in 322 days.

Arthur D. and Mary K. Wenger, Manheim

1-Ja Jean Elsie Della, a four-year-old, made 18,830 of milk and 695 of fat in 305 days

2-Valley Run Regal Hoop had 16 060 of milk and 629 of fat in 307 days, she is a five-year-old.

Hiram S. Aungst, Elizabethtown

1 Star Mata Hays, five year-old, 19,901 milk, 917 fat 361 days

2-Strickst Ivanhoe Cheerio; three-year old 17 354 milk 770 fat, 308 days

3 Strickst Osborndale Cheerio four year old 16,959 milk; 648 fat, 316 days

4-Mata Hari Sensation Jane six year old' 23,067 milk, 836 fat, 365 days

5-Cheerio Lyonel Susan six-year-old, 21,820 milk, 827 fat, 365 days

6-Bonheur Atholwood Lifloc, five-year-old, 16,572 milk, 695 fat, 314 days

7-Strickst Cheerio Della; four-year-old, 17,414 milk, 645 fat, 309 days

Jay C. Garber, Lancaster

1-Spring Lawn Wensation Yilee, five-year-old; 18,524 milk, 869 fat, 365 days.

2-Spring Lawn Ty Vic Zazer: four-year-old; 15,460 milk, 600 fat, 345 days.

3-Spring Lawn Regal X Violet; six-year-old; 20,490 milk, 722 fat; 305 days.

4-Spring Lawn Dean Wilee; seven-year-old; 17,230 milk, 685 fat; 305 days.

5-Spring Lawn Ivanhoe A X Gem; three-year-old; 15,205 milk, 685 fat, 314 days.

6-Spring Lawn Dean Z Wovation, five-year-old, 15,290 milk, 648 fat; 295 days.

7-Spring Lawn Dean Zice: three-year-old, 16,890 milk, 629 fat, 294 days

8-Spring Lawn Dean Yarta: five year old, 19,050 milk, 763 fat, 358 days

9-Spring Lawn Regal Arta: four-year-old, 16,420 milk, 645 fat, 310 days

Robert C. Groff, Quarryville

1 Elgra Consort Johan eight-year-old, 23,736 milk, 899 fat: 365 days

2-Groffdale Reflection Patti: three-year old, 17,178 milk, 651 fat, 365 days

3 Groffdale Reflection Diane two year old, 18,011 milk, 632 fat, 365 days

4 Groffdale Reflection Sally: two year-old, 18,906 milk, 615 fat, 365 days

5 Sellersdale Lauxmont Prilly, seven-year old, 16,582 milk 727 fat, 296 days

6-Groffdale Lucifer Polly, five-year-old, 15,223 milk, 697 fat, 318 days

Henry E. Kettering, Lititz

1-Henket Eva Ivanhoe, four-year-old, 16,750 milk, 884 fat: 338 days

2-Ethel Man O War Sovereign, 12-year-old, 20,280 milk, 869 fat, 360 days

3-Henket Stella Princess five-year-old, 19,340 milk, 748 fat, 313 days

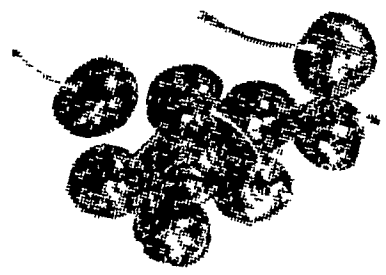
4-Sunny Craft Mae Ivanhoe three-year-old, 16,860 milk, 687 fat; 305 days

5-Locustcroft Osborndale Marion four-year old, 18,100 milk 834 fat 305 days

6-Markley Pabst Jessie six-year-old, 16,140 milk, 672 fat 323 days

7-Reba Hillmac Pietje, 10-year-old, 16 520 milk, 629 fat 343 days

8 Carol Henket Masterpiece four-year old, 16,370 milk, 599 fat, 352 days



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OPENING WEEK June 26 to July 3
Daily 7 a.m. to 7:30 p.m. — Sat. 7 a.m. to 4 p.m.
CLOSED SUNDAY

SHANK FRUIT FARMS

New Danville Pike
R. D. 6, Lancaster, Pa.

Pa. Route 324
Phone 392-6022

4-H Club News

(Continued from Page 12)

under the direction of Mrs. Ross Smith.

The Meal-Time-Magic girls made peach upside down cake and sparkling punch under the leadership of Mrs. Witmer Dull.

The next regular meeting will be July 7 at the Penn Manor Junior School.

JOLLY STITCHERS ORGANIZE

by Jean Miller, reporter

The Jolly Stitchers 4-H Club of Farmersville held its first meeting of the season on June 14 at the home of Mrs. Clydeth Buch.

The results of the voting for this year's officers was as follows. president, Kaye Smith; vice-president, Barbara Gockley, secretary, Sharon Roden, treasurer, June White; game leaders, Cindy Smith and Linda Dochter, song leaders, Cindy Kilhefner and Pat Smucker, news reporter, Jean Miller.

Gail Smith was chosen delegate to represent the club at County Council. The alternate was Jane Smith.

The leaders this year are Mrs Lowell Styer, Mrs William Kilhefner, Mrs Grant Smith, Mrs. Clydeth Buch, and Mrs. Israel Gockley.

Thirty-two girls attended the meeting; twelve of these girls are first-year members.

PINCUSHION CLUB

by Marie Grumbine, reporter

The second meeting of the Leola Pincushions 4-H club was held on June 16th from 9:00-11 00 a m. in the home of Mr. and Mrs. Jacob Hoober.

The meeting was called to order by Kathy Hoober, president, who led the group in the club pledge. The minutes were read by Joyce Elko, secretary, and approved as read. Five-cent dues were collected by Sandra Grumbine, treasurer, with a total of ninety-five cents in the treasury. They discussed how to raise more money, and came up with two ideas (1) Increase the dues to ten cents each meeting instead of five cents, or (2) hold a bake sale.

Their County Council Representative, Cindy McQuate, gave a report on the County Council meeting held Tuesday night, June 15th Miss JoAnne Warner, home economist, showed a film on color combinations The next meeting will be held on June 30th, same time and place The remainder of the period was devoted to work on the projects with the help of the club leaders.

PATZ

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Quarryville, R. D. 1

Hensel KI 8-2559

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For Spinal Corrections See Your Doctor of Chiropractic.

LANCASTER COUNTY CHIROPRACTIC SOCIETY

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with new ORTHO FLY KILLER D

CONTAINING DIBROM

Be ready this fly season . . . use ORTHO Fly Killer D containing DIBROM®, the remarkable insecticide discovery that kills flies in a matter of seconds without harm to cattle or feed.

It's a new fly killer registered for use around dairy cattle, while they are in the barn.

Concentrated ORTHO Fly Killer D is simple to mix . . . easy to use . . . equally effective as a spray, a wet bait or a dry bait. Get new ORTHO Fly Killer D (containing DIBROM) today at your dealer's.

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1 Pint makes 20 gal. spray $2.95

1 quart makes 40 gal. spray $5.79

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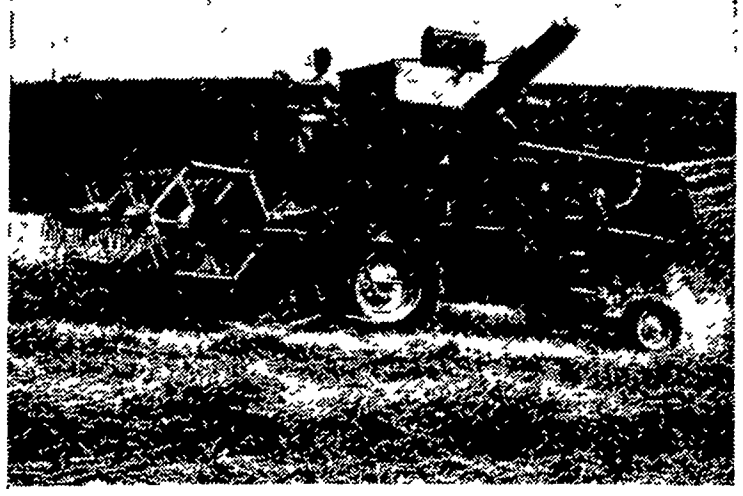

with a NEW JOHN DEERE combine

The new John Deere 45 Self-Propelled can do up to 20 percent more work than its 1963 counterpart — up to five days' work in four days' time.

Main reason for this terrific performance increase is the new, exclusive cell-type separating grate. It reduces the load on the walkers and allows you to speed up ½ to ¾ gear without increasing grain loss . . . without paying a single penalty.

Bigger grain tank, faster unloading, higher unloading auger, and redesigned operator's platform are just a few of the other improvements in the 45 Combine. Stop in soon and get the full story. Credit available.

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M. S. Yearsley & Sons West Chester 696-2990

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Shotzberger's Elm 665-2141

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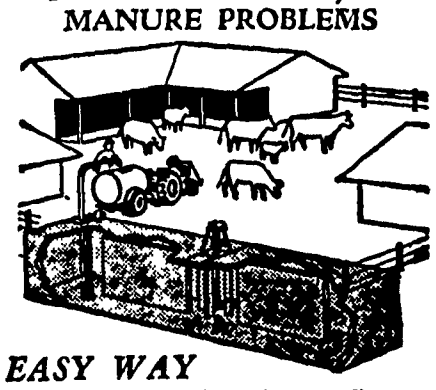

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Just scrape or wash manure, bedding waste and feed into Easy Way holding tank. When you're ready, the powerful agitator and self-priming chopper impeller pump will put the homogenized mixture into Easy Way liquid field spreader. No clog — no mess — no stink.

For complete information on the EASY WAY DISPOSAL SYSTEM write to:

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R. D. 1, Drumore Center KI8-2116, QUARRYVILLE, PA.

Mr. Dairyman:

Are you managing your herd for profit?

Managing for profit must begin with your dry cows and bred heifers.

Management for profit calls for feeding the dry cow and bred heifer to accomplish three things;

Build the unborn calf,

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Stimulate the cow's milk-producing system so that she may produce to her in-bred ability.

You can not expect last years top proformer to repeat only because she has the potential.

She has to be fed for high production — and particularly when she is dry.

No other period in a cow's life has as great an influence on milk production as does the two month period just before she freshens.

Management for profit must also begin with feeding your dry cows PIONEER DRY & FRESH.

On PIONEER DRY & FRESH and the PIONEER Program your dry cows get the nutrients they need, and you can be sure that she will produce according to her capability.

Stop in soon or ask our servicemen about the PIONEER management for profit program, beginning with your dry cows.

There is profit in PIONEER.

PIONEER

GOOD'S FEED MILL

New Providence

CLASSIFIED ADS

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For Sale — Oaks Metal hog feeders, 4 holes and 2 holes. Phone 898-7170.

Good Used Equipment
New Holland "818" Harvester w/pickup & row crop attachment. New Holland mower crusher model 440. John Deere hay conditioners model 1. Oliver Super 88 diesel tractor. A.B.C. Groff, Inc., New Holland, Pa Ph: 354-8001.

180 Amp. Lincoln Welder, New Price $95.00. Hiestand, Inc., R1, Marietta. Ph: 426-9301.

For Sale — 10 & 12 can used milk coolers; one 300 gal. Wilson bulk tank, stainless steel, good condition.
CLARK ELECTRIC
R1, Kinzers, Pa.
Ph. Intercourse 768-8501

For Sale — New Holland hay dryer, model 507, oil burning, in good condition. E. E. Brubaker, Ph. 392-8776.

Combines, self propelled and pull type with bins; big selection of rakes, balers, crimpers and mowers. Gehl and John Deere choppers, 440 J.D. Crawler with winch and blade.
KEENER EQUIP. CO.
Phone 569-9361
1531 Manheim Pike
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C. B. HOOBER & SON
Used Equipment Sale

Used Combines & Balers
408 Combine (Used 2 Yrs.)
101 Combine — 10 ft. Header — Special $2400.00
Oliver No. 60 Baler
New Holland 68 Baler
New Holland 66 Baler
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Used Tractors
330 Tractor & Loader
340 Farmall
300 Farmall
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C. B. HOOBER & SON
Farm Equipment
Ph: 768-3501 Intercourse, Pa.

Household Goods

For Sale — A lot of APARTMENT SIZE 24-inch gas cooking ranges; also a group of used refrigerators This equipment is all in first class shape. Phone AC 215-932-2795.

A 1964 NECCHI ZIG-ZAG Sewing Machine, Cabinet Model 4½ months old. Sews buttons on, makes buttonholes, overcasts and monograms Uses 1 or 2 needles No attachments needed
BALANCE $37 40
or terms of $5 down and $5 per month Call Credit Department, Lancaster Collect 392-4341.

AN AUTO 1965 SINGER
Zig Zag Sewing Machine, Cabinet Model, 5 months old. Buttonholes, Sews on buttons, fancy stitches, monograms, etc No attachments needed.
BALANCE $56.20
or terms of $5 down and $5 per month. Call Credit Department, Lancaster Collect 392-4341

A 1965 WHITE ZIG-ZAG Sewing Machine. 5½ months old. Overcasts, blind-hem stitches, button-holes, sews on buttons. No attachments needed.
BALANCE $29.10
or terms of $4 down and $4 per month. Call Credit Department, Lancaster Collect 392-4341.

Household Goods

Tappen gas ranges, Norge appliances, Quaker oil heaters and bottled gas service.
BENJ. SHENK
Lampeter, Pa.
Phone 397-2486

Help Wanted

Female Help Wanted
Full or part time, flexible working hours, Convenient for Housewife with children. Write or Phone Tupperware Orwigsburg, Pa.

Woman — to live in, care for young paralyzed mother with two little girls. Some one who wants a nice home, is strong and has a kind heart. Age 40-45. Nursing experience not necessary. White Box 1524, % Lancaster Farming, Lancaster, Pa or call 609-466-0888.

Poultry & Supplies

DEKALB
STARTED PULLETS
Phone DeKalb York Hatchery, York 848-1770 or DeKalb District Sales Office, Lampeter 394-5157.

ARE YOU CONSIDERING PRODUCING BROILER HATCHING EGGS?
If so, we would like to talk with you.
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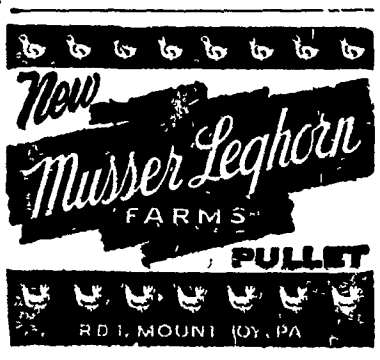
Elizabethtown, Pa.
EM 7-1545



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Poultry & Supplies

Egg washers, new and used. We repair all makes. Hiestand, Inc., Marietta R1, Ph. 426-9301.

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For Sale: Dairy and beef-cattle farms, country homes, and town properties in beautiful Bradford County, Pa. "This is cattle country." Harold F. French, RE Broker, Troy, Pa 16947

For Sale — 154 A. dairy farm, 125 tillable. Modern buildings, improved road, school bus stop, milk and mail route, lots of water, $25,000. Write Mrs Wm. Coveney, R2, Athens, Penna.

MISCELLANEOUS

FOUND
Cool, cool nights and warm summer days for that weekend trip or vacation during July and August at the PENN-WELLS HOTEL AND MOTEL, Wellsboro, Pa., near the famous Pennsylvania's Grand Canyon. For free literature, write Box 158, Wellsboro, Pa. or call Wellsboro 724-2111.

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Steel used No. 1 shape — 2, 3, 4, 6, 8 inch. Call 739-9040, Maryland Pipe, Box 394, Hagerstown, Md.

For Sale — Mushroom soil for your lawns, gardens, parks, and golf courses. Trailer loads delivered. Gap Newport Mushroom Farms, Inc., Avondale, Pa. Ph. AC 215-268-2002.

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Everything grows better with
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Free of chemicals, poisons, synthetics, artificials We raise many of them here on our lovely farm along beautiful Penns Creek. Pennsylvania's most complete mill and store for whole, organic foods. And . . . we have opened a craft shop! Stop and see the many lovely hand-made items from our local area We're open every day but Sunday and holidays, from 8 to 4:30 DST. We ship by mail too — just write for our list! WALNUT ACRES, Penns Creek, Penna. 17862

Spaces available for farm produce etc. at the new Garden Spot Farmers Market below the Watt & Shand Parking Plaza at Duke and Vine Street, Lancaster.
Apply at once
Ph. AC 717-385-3720

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Wanted — A large amount of mulch hay needed. Phone AC 717-442-4738 or 215-268-2249.

LEGAL NOTICE

NOTICE TO CREDITORS
Within six (6) months of the date of this Notice you must make proof of any claim you may have against WILLIAMSON ASSOCIATES, INC., 863 North Queen Street, Lancaster, Pennsylvania, or its property, by filing with me a statement of your claim, verified by affidavit, and accompanied by copies of any book entries pertaining thereto, or of any note or other writing evidencing the claim, as prescribed by the Act of June 4, 1901, P. L. 404, or be barred from asserting any claim thereafter against the assignor.
Henry Ingram, Assignee
for the benefit of creditors
110 East King Street
Lancaster, Pennsylvania
June 25, 1965

Mail Box Market

For Sale — Tobacco plants, will pull. C. S. Miller, R1, Paradise, Pa.

For Sale — 1958 Chevrolet truck with 12 ft. dump bed, grain tight, 3 ft. sides. Good condition. Phone 393-6720.

For Sale — Minnich tobacco press; platform scales. Phone 393-6090.

Family desires to rent home in country setting Chester County, West Chester Area, where cow and horse may be kept. Write 644 N. Chubb Dr., Doylestown, Pa. Phone 348-8416. Max. $125. per mo.

For Sale — 130 A farm at Halifax, Pa 75 A. small grain included if sold before harvest. $17,500. Phone Hershey 534,1253.

For Sale — Purebred Yorkshire boars — service age and younger Carcass championship blood line Willow Glen Farm, R D. #1, Strasburg, Pa Ph AC 717-786-2562.

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Located in Lincoln, Pa., Rt. 322
one mile North of Ephrata at the
Garden Spot Equipment Auction, Inc.
For Information Call the following numbers
Area 717 733-7917 665-4806
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● Jugging

(Continued from Page 4)

baker sells eggs, bacon, cottage cheese, candy, bakery goods, butter, ice cream, and other food products. His customers are regular, and he says he encounters only mild seasonal fluctuations. "The big problem" he told us, "is to have enough milk at the right time, and yet not have too much" He gets around this by producing what he feels may be a shade more than he will need, and then selling that which he can't retail to a surplus outlet

The Brubakers have three children — two boys and one girl — and the oldest boy just graduated from Penn State. He is employed as a research chemist

In the future, Brubaker plans to further mechanize his operation He wants to add jugging equipment that will automatically fill jugs right from the holding tanks.

The farm has a long history in the retail milk business Brubaker's dad started in 1905 by putting milk in glass bottles and delivering on a route He sold out his retail business in 1922, but went back into it ten years later That business operated continuously until one year ago when the route was sold to a milk firm and jugging took over completely.

The farm contains about 65 acres in crops — corn, wheat, alfalfa, and barley — and 20 acres in pasture Brubaker has a man who operates the farm and herd while he handles the retail business

This appears to be a successful, well-managed operation and in light of present milk marketing conditions may be something that more small dairymen should consider

MILTON BRUBAKER shown pouring raw milk into his pasteurizing unit as the first step in processing home-grown milk for his retail "jugging" business at Spruce Villa Farm L. F. Photo

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